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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Application Number	10/827,341
Filing Date	April 20, 2004
First Named Inventor	Kazuwa NAKAO
Art Unit	1645 1657
Examiner Name	Unassigned Dr. K.C. Srivastava
Attorney Docket Number	58777.000016

Sheet 1 of 3

**U.S. PATENT DOCUMENTS**

*Examiner Initials	Cite No.	DOCUMENT NUMBER Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/K.S./	1.	US- 6369295	04-09-2002	Cheah et al.	

**FOREIGN PATENT DOCUMENTS**

*Examiner Initial	Cite No.	FOREIGN PATENT DOCUMENT		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	TRANSLATION	
		Country Code:	Number - Kind Code (if known)				YES	NO
/K.S./	2.	WO	91/16342	10-31-1991	Matsuo		<input type="checkbox"/>	<input checked="" type="checkbox"/>
	3.	JP	04-074198 (Abstract)	03-09-1992	Toshiyuki et al.		<input checked="" type="checkbox"/>	<input type="checkbox"/>
	4.	JP	04-120094 (Abstract)	04-21-1992	Toshiyuki et al.		<input checked="" type="checkbox"/>	<input type="checkbox"/>
	5.	JP	04-120095 (Abstract)	04-21-1992	Toshiyuki et al.		<input checked="" type="checkbox"/>	<input type="checkbox"/>
	6.	JP	04-139199 (Abstract)	05-13-1992	Toshiyuki et al.		<input checked="" type="checkbox"/>	<input type="checkbox"/>
	7.	JP	06-009688 (Abstract)	01-18-1994	Masaharu et al.		<input checked="" type="checkbox"/>	<input type="checkbox"/>
/K.S./	8.	WO	02/074234	09-26-2002	Golembo et al.		<input checked="" type="checkbox"/>	<input type="checkbox"/>

**NON-PATENT LITERATURE DOCUMENTS**

*Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	TRANSLATION	
			YES	NO
/K.S./	9.	CHINKERS et al., "Signal transduction by guanylyl cyclases," Annu. Rev. Biochem. 60, pp. 553-575 (1991)	<input type="checkbox"/>	<input type="checkbox"/>
/K.S./	10.	CHUSHO et al., "Dwarfism and early death in mice lacking C-type natriuretic peptide," Proc. Natl. Acad. Sci. U.S.A. 98, pp. 4016-4021 (2001)	<input type="checkbox"/>	<input type="checkbox"/>
/K.S./	11.	HAGIWARA et al., "Autocrine regulation of rat chondrocyte proliferation by natriuretic peptide C and its receptor, natriuretic peptide receptor-B," J. Biol. Chem. 269, pp. 10729-10733 (1994)	<input type="checkbox"/>	<input type="checkbox"/>
/K.S./	12.	INOUE et al., "Reciprocal regulation by cyclic nucleotides of the differentiation of rat osteoblast-like cells and mineralization of nodules," Biochem. Biophys. Res. Commun. 215, pp. 1104-1110 (1995)	<input type="checkbox"/>	<input type="checkbox"/>

EXAMINER SIGNATURE /Kailash Srivastava/

DATE CONSIDERED 06/04/2007

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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						Art Unit		1615- 1657			
						Examiner Name		<del>Unassigned</del> Dr. K.C. Srivastava			
Sheet		2		of		3		Attorney Docket Number		58777.000016	
<b>NON-PATENT LITERATURE DOCUMENTS</b>											
/K.S./	13.	KOJIMA et al., "Cloning and sequence analysis of a cDNA encoding a precursor for rat C-type natriuretic peptide (CNP)," FEBS Lett. 276, pp. 209-213 (1990)							<input type="checkbox"/>	<input type="checkbox"/>	
	14.	KOLLER et al., "Selective activation of the B natriuretic peptide receptor by C-type natriuretic peptide (CNP)," Science 252, pp. 120-123 (1991)							<input type="checkbox"/>	<input type="checkbox"/>	
	15.	KOMATSU et al., "C-type natriuretic peptide (CNP) in rats and humans," Endocrinology 129, pp. 1104-1106 (1991)							<input type="checkbox"/>	<input type="checkbox"/>	
	16.	KOMATSU et al., "Regulation of endothelial production of C-type natriuretic peptide in coculture with vascular smooth muscle cells," Circ. Res. 78, pp. 606-614 (1996)							<input type="checkbox"/>	<input type="checkbox"/>	
	17.	MERICQ et al., "Regulation of fetal rat bone growth by C-type natriuretic peptide and cGMP," Pediatr. Res. 47, pp. 189-193 (2000)							<input type="checkbox"/>	<input type="checkbox"/>	
	18.	METSÄRANTA et al., "Developmental expression of a type II collagen/β-galactosidase fusion gene in transgenic mice," Dev. Dyn. 204, pp. 202-210 (1995)							<input type="checkbox"/>	<input type="checkbox"/>	
	19.	MINAMINO et al., "N-terminally extended form of C-type natriuretic peptide (CNP-53) identified in porcine brain," Biochem. Biophys. Res. Commun. 170, pp. 973-979 (1990)							<input type="checkbox"/>	<input type="checkbox"/>	
	20.	MUKOYAMA et al., "Brain natriuretic peptide as a novel cardiac hormone in humans," J. Clin. Invest. 87, pp. 1402-1412 (1991)							<input type="checkbox"/>	<input type="checkbox"/>	
	21.	NASKI et al., "Repression of hedgehog signaling and BMP4 expression in growth plate cartilage by fibroblast growth factor receptor 3," Development 125, pp. 4977-4988 (1998)							<input type="checkbox"/>	<input type="checkbox"/>	
	22.	OGAWA et al., "Molecular cloning of the complementary DNA and gene that encode mouse brain natriuretic peptide and generation of transgenic mice that overexpress the brain natriuretic peptide gene," J. Clin. Invest. 93, pp. 1911-1921 (1994)							<input type="checkbox"/>	<input type="checkbox"/>	
23.	ROSENZWEIG et al., "Atrial natriuretic factor and related peptide hormones," Annu. Rev. Biochem. 60, pp. 229-255 (1991)							<input type="checkbox"/>	<input type="checkbox"/>		
/K.S./	24.	ROUSSEAU et al., "Mutations in the gene encoding fibroblast growth factor receptor-3 in achondroplasia," Nature 371, pp. 252-254 (1994)							<input type="checkbox"/>	<input type="checkbox"/>	
EXAMINER SIGNATURE /Kailash Srivastava/						DATE CONSIDERED 06/04/2007					
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				Art Unit		1015 1657		
				Examiner Name		<del>Unassigned</del> Dr. K.C. Srivastava		
Sheet	3	of	3	Attorney Docket Number		58777.000016		
<b>NON-PATENT LITERATURE DOCUMENTS</b>								
/K.S./	25.	SHIANG et al., "Mutations in the transmembrane domain of FGFR3 cause the most common genetic form of dwarfism, achondroplasia," Cell 78, pp. 335-342 (1994)					<input type="checkbox"/>	<input type="checkbox"/>
	26.	SHUKUNAMI et al., "Cellular hypertrophy and calcification of embryonal carcinoma-derived chondrogenic cell line ATDC5 in vitro," J. Bone. Miner. Res. 12, pp. 1174-1188 (1997)					<input type="checkbox"/>	<input type="checkbox"/>
	27.	STAMOYANNOU et al., "Growth and growth hormone therapy in children with achondroplasia: a two-year experience," American Journal Of Medical Genetics 72, pp. 71-76 (1997)					<input type="checkbox"/>	<input type="checkbox"/>
	28.	SUDA et al., "C-type natriuretic peptide as an autocrine/paracrine regulator of osteoblast," Biochem. Biophys. Res. Commun. 223, pp. 1-6 (1996)					<input type="checkbox"/>	<input type="checkbox"/>
	29.	SUDA, "Skeletal overgrowth in transgenic mice that overexpress brain natriuretic peptide," Proc. Natl. Acad. Sci. U.S.A. 95, pp. 2337-2342 (1998)					<input type="checkbox"/>	<input type="checkbox"/>
	30.	SUDOH et al., "A C-type natriuretic peptide (NP): new member of natriuretic peptide family identified porcine brain," Biochem., Biophys. Res. Commun. 168, pp. 863-870 (1990)					<input type="checkbox"/>	<input type="checkbox"/>
	31.	TANAKA et al., "Effect of growth hormone therapy in children with achondroplasia: growth pattern, hypothalamic-pituitary function, and genotype," European Journal of Endocrinology 138, pp. 275-280 (1998)					<input type="checkbox"/>	<input type="checkbox"/>
	32.	YASODA et al., "Natriuretic peptide regulation of endochondral ossification," J. Biol. Chem. 273, pp. 11695-11700 (1998)					<input type="checkbox"/>	<input type="checkbox"/>
<div style="text-align: center;">             /K.S./         </div>	33.	YASODA et al., Abstract for the 72th Congress of the Japan Endocrine Society 74, p. 87 (1999)					<input type="checkbox"/>	<input type="checkbox"/>
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